

**In the Abstract:**

Please replace Abstract with the following:

A method and an apparatus for magnetizing an object, a method and an apparatus for calibrating a force and torque sensor device, a use of an apparatus for magnetizing an object in particular fields, and a use of an apparatus for calibrating a force and torque sensor device in particular fields. A method for magnetizing a first object and/or a second object comprises the steps of arranging a first object in such a manner that the first object encloses a second object, and applying a first electrical signal to the second object, wherein the first electrical signal is adapted such that at least a portion of the first object and/or of the second object is magnetized.

(Fig.71B)